

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-15 (Canceled).

1 16. (New) A tool for the mechanical processing of workpieces, in particular
2 for the joining, self-piercing riveting or clinching of sheet, tube or profile parts, having tool-
3 insert carriers which are movable relative to one another and to the working ends of which a
4 respective tool insert of a tool set can be fastened, and having an electric-motor drive which acts
5 on a plunger of at least one tool-insert carrier for performing a working stroke, the drive
6 comprising as drive member a cam disk which can be driven by a shaft of a motor and controls a
7 positive motion of a stroke member which is formed by a rocker which is pivotably mounted
8 about a fixed axis perpendicularly to a working stroke direction of the movable tool-insert carrier
9 and whose free end moves a plunger guided in the working stroke direction.

1 17. (New) The tool as claimed in claim 16, the plunger of the driven tool-
2 insert carrier having a bearing which compensates for an oscillation angle relative to a plunger
3 displacement and which accommodates a free end, designed for a transmission of motion, of the
4 rocker.

1 18. (New) The tool as claimed in claim 17, the free end of the rocker being of
2 cylindrical design and the bearing being guided in a sliding manner on the plunger.

1 19. (New) The tool as claimed in claim 17, the free end of the rocker being of
2 dome-shaped design, and an eccentric ball bush having a spherical bearing surface for a spherical
3 segment of the free end being provided as bearing.

1 20. (New) The tool as claimed in claim 16, the rocker being formed by a
2 double-armed lever, the lever arm lengths of which are selectable for setting a certain plunger
3 displacement.

1 21. (New) The tool as claimed in claim 20, the lever arms being of different
2 length.

1 22. (New) The tool as claimed in claim 20, that lever arm of the rocker which
2 carries the free end being designed to be shorter than the other lever arm, rolling with its end on
3 the cam disk, of the rocker.

1 23. (New) The tool as claimed in claim 16, that end of the rocker which is in
2 engagement with the cam disk being journal-shaped and being mounted in a curved track of
3 groove-shaped design of the cam disk.

1 24. (New) The tool as claimed in claim 23, the journal-shaped end of the
2 rocker rolling on the cam disk via an inner ring having needle rollers.

1 25. (New) The tool as claimed in claim 16, the pivot axis of the rocker
2 running perpendicularly and with an offset relative to a rotation axis of the cam disk.

1 26. (New) The tool as claimed in claim 16, the plunger comprising a working
2 plunger and a stroke plunger which are displaceable relative to one another in the working stroke
3 direction via an adjusting device.

1 27. (New) The tool as claimed in claim 26, a basic feed setting of the plunger
2 being varied via a thread having different pitches of the adjusting device in the region of the
3 working plunger and the stroke plunger.

1 28. (New) The tool as claimed in claim 16, the curved track of the cam disk
2 having gradient profiles, the gradient profile for a forward stroke being different from the
3 gradient profile for a return stroke of a working stroke.

1 29. (New) The tool as claimed in claim 16, the top and bottom legs forming
2 the legs of hand pliers, it being possible for the bottom leg to be swung down in a lockable
3 manner via an articulation.

1 30. (New) The tool as claimed in claim 19, it being possible for the eccentric
2 ball bush to be fixed in an adjustable manner in a guide of the plunger.